

IN THE SPECIFICATION:

At page 6, please replace the paragraph beginning on line 5 and ending on line 7 with the following amended paragraph:

The business logic in the middletier 4 fails when the middletier ~~crushes~~ crashes or the like. The utilization of the middletier 4 can be improved by automatically recovering a ~~erush~~ crash if occurred. It becomes possible to effectively execute applications.

At page 6, please replace the paragraph beginning on line 8 and ending on line 11 with the following amended paragraph:

As shown in FIG. 3, a watchdog 402 is used to automatically recover the ~~erushed~~ crashed middletier 4. The watchdog 402 periodically performs polling to whether or not the middletier 4 ~~erushes~~ crashes. The watchdog 402 recovers the middletier 4 when it ~~erushes~~ crashes. The watchdog 402 can be implemented by using a shell script and the like.

At page 6, please replace the paragraph beginning on line 12 and ending on line 15 with the following amended paragraph:

As shown in FIG. 4, the watchdog 402 may recover the middletier 4 based on a ~~erush~~ crash notification from the logic handler 222. A special application or the like may be used to implement the watchdog 402. A ~~erush~~ crash of the middletier 4 is notified when the logic handler 222 cannot recover an object after refreshing.